

**The Law Offices of Eugene M Lee, PLLC**  
**1101 Wilson Boulevard, Suite 2000**  
**Arlington, Virginia 22209**

JC658 U.S. PTO  
10/03/2024  
01/04/2024



TO: Assistant Commissioner for Patents  
**Box Patent Applications**  
Washington D.C. 20231

Attorney Docket No. 262/009

**UTILITY PATENT APPLICATION TRANSMITTAL**  
**(new nonprovisional applications under 37 CFR 1.53(b))**

Transmitted herewith for filing is the patent application of:

**INVENTOR(S): Sang Hyun YI; Young Nam KIM**

**TITLE: SEMICONDUCTOR DEVICE HAVING NO CRACKS IN ONE  
OR MORE LAYERS UNDERLYING A METAL LINE LAYER  
AND METHOD OF MANUFACTURING THE SAME**

In connection with this application, the following are enclosed:

**APPLICATION ELEMENTS:**

Specification, Claims, Abstract - 21 TOTAL PAGES

(preferred arrangement:)

- Descriptive Title of the Invention
- Cross Reference to Related Applications
- Statement Regarding Fed sponsored R&D
- Reference to Microfiche Appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

Drawings - Total Sheets 17 (depicting Figures 1, 2A, 2B, 3A, 3B, 4A, 4B, 4C, 4D, and 5-16.)

Declaration and Power of Attorney - Total Sheets 2

Newly executed (original)

Copy from a prior application (37 CFR 1.63(d))  
(relates to continuation/divisional boxes completed) - NOTE: Box below

DELETION OF INVENTOR(S) - Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).

Incorporation By Reference (useable if copy of prior application Declaration being submitted)  
The entire disclosure of the prior application, from which a COPY of the oath or declaration is supplied as noted above, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

Microfiche Computer Program (Appendix)

Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)  
 Computer Readable Copy  
 Paper Copy (identical to computer copy)  
 Statement verifying identify of above copies

**ACCOMPANYING APPLICATION PARTS**

Assignment Papers (cover sheet & document(s))  
37 CFR 3.73(b) Statement (when there is an assignee)

English Translation Document (if applicable)

Information Disclosure Statement(IDS) with PTO-1449.  Copies of IDS Citations  
Preliminary Amendment

Return Receipt Postcard (MPEP 503)

Small Entity Statement(s)  
 Statement file in prior application, status still proper and desired.

Certified Copy of Priority Document(s) with Claim of Priority  
(if foreign priority is claimed).

OTHER: Deposit Account Charge Authorization [Deposit Account No. 5-01654]

If a **CONTINUING APPLICATION**, check appropriate box and supply the requisite information:

Continuation  Divisional  Continuation-in-part (CIP)  
of prior application Serial No.       

Amend the specification by inserting before the first line the following sentence:  
-- This application is a        continuation,        divisional or        continuation-in-part of application  
Serial No.       , filed       . --

**CORRESPONDENCE ADDRESS:**

The Law Offices of Eugene M Lee, PLLC - address noted above.  
Telephone: (703) 525-0978  
Fax Number: (703)-525-4265

**FEE CALCULATIONS:**

(1) For	(2) Number Filed	(3) Number Extra	(4) Rate	(5) Basic Fee \$ 740.00
Total Claims	28 - 20 =	8	x \$18	144.00
Independent Claims	7 - 3 =	4	x \$84	336.00
Multiple Dependent Claims			\$280	-
Assignment Recording Fee per property			\$40	40.00
			TOTAL FEE:	\$ 1,260.00

**METHOD OF PAYMENT:**

Authorization is hereby given to charge payment of the statutory filing and assignment recordation fees to Deposit Account No. 5-01654.

Respectfully submitted,



Eugene M. Lee  
Reg. No. 32,039

Date: January 4, 2002

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**CHANGE OF  
CORRESPONDENCE ADDRESS**  
*Application*

Address to:  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Application Number	
Filing Date	January 4, 2002
First Named Inventor	YI
Art Unit	
Examiner Name	
Attorney Docket Number	262/009

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I am the :

- Applicant/Inventor.
- Assignee of record of the entire interest.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).
- Attorney or Agent of record.
- Registered practitioner named in the application transmittal letter in an application without an executed oath or declaration. See 37 CFR 1.33(a)(1). Registration Number \_\_\_\_\_

Typed or Printed Name      Eugene M. Lee, Reg. No. 32039

Signature

Date      January 4, 2002

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

\*Total of \_\_\_\_\_ forms are submitted.

Burden Hour Statement: This form is estimated to take 3 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.